

## White's Pond Study Committee

Minutes of August 8, 2011

Members present: Jim Fulton, Ellen Duggan, Paul Boothroyd, Herb Symes,  
Peter Reed, Jason Kreil, Eugene Redner, Dick Downey

Others present: Jerry Flood –DPW Superintendent, Bob Chapell of Woodard&Curran

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Meeting called to order by Vice Chairperson Jim Fulton at 6:07 p.m.

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Motion made to accept July 25, 2011 minutes by Paul Boothroyd.  
Motion seconded to accept July 25, 2011 minutes by Ellen Duggan.  
Motion passed unanimously.

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Jason Kreil distributed to committee members a guide entitled Fall 2011 Special Town Meeting Timeline.

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### Woodard and Curran Draft Report Presentation

Bob Chapell of W/C distributed to all present, several maps pertaining to his draft report and a handout entitled; Town of Maynard Department of Public Works Assessment of Water Resources – Summary of Recommendations – August 8, 2011

The prior week all committee members received from W/C the full draft report entitled Assessment of Water Resources.

Bob Chapell of W/C proceeded to review the Summary of Recommendations handout with the committee.

The three alternatives discussed were;

1. White Pond surface water treatment with a facility located in- Town adjacent to the Well #4 Water Treatment Facility. This facility has the capacity of providing 1.0 MGD. Estimated capital cost of approximately \$12,000,000 which is being finalized.  
It was pointed out that the extra cost of building the treatment plant in Maynard versus having the plant located at White's Pond was due to the extra piping that would be needed to bring the water to the Maynard treatment facility.  
It appears that by building the treatment plant at White's Pond almost \$2,500,000 could be saved. The plant located at White's Pond would require extra permitting for sewage disposal and the building of a lagoon. Bob was asked if obtaining such a permit would be problematic? Bob said he did not anticipate this to be a problem.

2. Addition of a treatment system to remove color at the Old Marlborough Road Water Treatment Facility. This option has the potential to increase the capacity of the well to its Mass DEP approved capacity of 0.87 MGD. The estimated capital cost is estimated at \$3,500,000, which is being finalized.
3. Addition of a new well at the existing Well #4 Water Treatment Facility. The facility has a design capacity of 1.0 MGD with the addition of a green sand filter unit. Estimated capital cost of \$2,500,000, which is being finalized.

General discussion then took place regarding the three alternatives.

With regard to a new well near Well #4, Bob stated that we would need to perform a pump test to see if there are any water color problems. He did not anticipate any problem based upon the fact that the new well is in the vicinity of the existing well and that the terrain and topography were similar. A test still would need to be performed. Jerry stated that this new well would relieve stress on Well #4, provide a steady supply of water, but that a pre treatment system for colored water would be needed. Bob stated that he did not cost out a pre treatment system which could be \$3,500,000.

Bob recommended pursuing all three options in a phased approach. Dick stated that he would like to see a rate affect for all three options to the rate payers. Much discussion took place regarding coming up with operational costs for all the alternatives. Jerry felt that coming up with all the costs would be very elaborate to acquire. He said that he could not give Dick the analysis that he wants. Bob Chapell stated that he will get O&M costs for White's Pond, color treatment and new well options. Dick asked Jerry and Bob to get the rate analysis work up to him.

Herb asked Bob Chapell which alternative would best meet our water needs for the next 50 to 100 years? Bob Chapell responded that White's Pond would be best.

Ellen asked about the Draft Report. She pointed out the section regarding projected water consumption 2000-2010. She felt that we should include numbers showing when White's Pond was on line. She also pointed out a typo error under section 5-23 Cost Table 7. She also pointed out Sections 6-1 and 6-2 Scope of Service Regionalization. Ellen felt that we should also include that we cannot sell water from White's Pond to Stow.

Eugene pointed out in section 4-1 Pipe Size, that previous speakers recommended a 16 inch transmission pipe. Why are we going with a 12 inch pipe? Jason stated that a larger pipe would require a bigger pump. Bob expressed confidence in the 12 inch pipe and the pipe material for our needs.

Jerry suggested that all committee members review the Draft Report and send any questions to Bob or Jerry. Dick suggested that committee members funnel questions to him and he will forward to Jerry and Bob.

Jason reminded the committee that Mike Sullivan wants all draft warrant articles for town meeting by September 14<sup>th</sup>. Jerry suggested not doing any warrant article until the 2013 annual town meeting. This would give people time to digest the report.

- NEW ACTION ITEM

Bob Chapell to provide Water Rate Study item for next meeting.

#### Jim Fulton MWRA Report

Jim distributed the response from MWRA to the town's request for information, to all committee members.

Jim stated that MWRA does have criteria for entering the system. He did get a rate structure which figures out to be \$2.00/100 cubic feet and an entry fee of \$5.00/gal of the anticipated usage. MWRA also stated that Maynard would have to explore all water use sources available to the town, prior to any admittance into MWRA. Dick stated that he would like to develop cost comparison numbers in this regard.

Discussion then took place regarding when we should present our final report. There was some concern that the upcoming fall town meeting may not give us enough time to finish the report. It was suggested that we should give the fall town meeting a progress report then develop our final report.

- NEW ACTION ITEM

Dick to set up meeting with the selectmen after August 22<sup>nd</sup> for a progress report to the selectmen.

Peter Reed made a motion to adjourn. Motion to adjourn was seconded by Dick Downey. Motion to adjourn was passed unanimously. Vice chairman Jim Fulton adjourned the meeting at 7:43 p.m.

Next Meeting - August 22, 2011 – 6:00 p.m. – Maynard Municipal Building